

ELIGIBILITY

Faculties and Students from various Engineering Colleges, Arts and Science Colleges and Polytechnic Colleges.

REGISTRATION

All participants have to pay Rs. 500 as registration fee by Demand Draft in favour of "Dr.N.G.P. Institute of Technology-ISTE" payable at Coimbatore.

HOW TO APPLY

The Scanned copy of Registration form and declaration form should be sent via email for registration along with the Demand Draft.

Email-id: drngpit.iot@gmail.com

MAILING ADDRESS

The Co-ordinator(s)
Workshop on Internet of Things and It's Applications
Department of Computer Science and Engineering
Dr.N.G.P.Institute of Technology
Coimbatore-641048.
Tamil Nadu, INDIA.

Phone: 9894780297
7373565333

Email: drngpit.iot@gmail.com

ABOUT THE COLLEGE

Dr. Nalla. G. Palaniswami initiated the establishment of Dr. N.G.P. Institute of Technology in 2007. The college is ISO 9001:2008 certified, NAAC accredited and is approved by AICTE, New Delhi and affiliated to Anna University, Chennai-600025. The institution has completed 10 years of dedicated and excellent service in the field of technical education. The college offers 7 UG programmes and 6 PG programmes and is one among the best self-financing Engineering colleges imparting high quality technical education in India. Dr.N.G.P. Institute of Technology strives to be place of excellence offering good infrastructure, an innovative and research oriented teaching community and a serene atmosphere for learning. The Institution has an active Industry Institute Partnership Cell (IIPC) to interact with industries.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was started in the year 2007 with B.E. Programme. With the increasing demand in Computer Science and Engineering, M.E programme was started in the year 2012. The Department of Computer Science and Engineering provides the students a sound foundation of theory, concepts, in-depth working knowledge in technology and hands on experience in computer software. The department has excellent infrastructure facilities. The main aim of the department is to shape up the minds of the budding professionals in IT era. The target is being achieved with our highly qualified potential faculty members committed towards education and research. The department also focuses on building up the needed infrastructure to cater to the needs of IT Industry requirement through various Academic Alliance Programme and Professional Bodies.



ISTE Sponsored National Level Workshop

on

Internet of Things (IoT) and It's Applications

24.07.2017 & 25.07.2017

Convenor

Dr. S.V.Sudha

Professor & HoD / CSE

Co-ordinators

Ms. R.Nidhya

AP / CSE

Ms. D.Pavithra

AP / CSE

Organized by

Department of CSE

Dr. N.G.P. Institute of Technology

Dr. N.G.P. Nagar - Kalapatti Road

Coimbatore- 48

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. Nalla.G.Palaniswami
Chairman, KMCH

PATRON

Dr. Thavamani D.Palaniswami
Secretary, Dr.NGPIT

CHAIR

Dr. K.Porkumaran
Principal, Dr.NGPIT

CONVENOR

Dr. S.V.Sudha
Professor & HoD / CSE

CO-ORDINATORS

Ms. R.Nidhya, AP / CSE
Ms. D.Pavithra, AP / CSE

VENUE:

Programming Lab

Dr. N.G.P Institute of Technology

IMPORTANT DATES:

Submission of application: 19.07.2017

Intimation of selection: 20.07.2017

Confirmation by Participants: 21.07.2017

INTRODUCTION

The Internet of Things (IoT) has evolved from the convergence of wireless technologies, micro-electromechanical systems (MEMS) and the Internet. By connecting “things” in the real world such as cars, buildings, and industrial equipment, IoT promises to revolutionize how we live and work. The IoT market is likely to experience around 28% year-on-year growth, rising to 5.4 billion connections across the globe by 2020, counting cellular, fixed line, satellite and short range wireless connections, up from 2.5 billion devices in the year 2016.

OBJECTIVE

The workshop is intended to provide opportunity for upgrading the knowledge in the area of Internet of Things and its applications. To provide an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems using IoT.

TOPICS TO BE COVERED

- Introduction to IoT
- Applications of IoT in various domains
- MicroController basics, usage and applications along with Input, Output add-ons
- Introduction to Basic Arduino IDE
- Embedded Systems and Sensor Networks in IoT
- Hands on training with Arduino Programming and Interfacing
- Example using Arduino as a Real-Life Appliance
- Rasperry Pibasic setup
- Input output communication with Rasperry Pi
- Demo on Real-Life CCTV Camera Enumeration

ISTE Sponsored National Level

Workshop

on

Internet of Things (IoT) and It's Applications

24th & 25th July 2017

Registration Form

1. Name :
2. Date of Birth :
3. Designation :
4. Name of the Institution :
5. Address for Communication:
6. E-mail address :
7. Mobile phone :

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide the rules and regulations governing the workshop. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the co-ordinator in case I am unable to attend the course.

Date:

Place:

Signature of the Applicant